WHAT IS CLAIMED IS:

1. For use in a processing system having a display screen, an apparatus for highlighting a selected portion of said display screen comprising:

a color shift controller capable of receiving a user input selecting one of a plurality of portions of said display screen and, in response to said user input selection, modifying a value of at least one pixel within said selected portion to increase the color temperature of said at least one pixel.

2. The apparatus as set forth in Claim 1 wherein said display screen comprises a cathode ray tube (CRT) screen.

3. The apparatus as set forth in Claim 1 wherein said display screen comprises one of: a liquid crystal display screen, a flat panel display screen, a plasma display screen, and a projection display screen.

4. The apparatus as set forth in Claim 1 wherein said selected portion of said display screen comprises a first window controlled by a first application executed by said processing system and wherein said color shift controller is capable of modifying red-blue-green (RGB) values of a plurality of pixels in said first window to thereby increase a color temperature of said plurality of pixels.

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1   5.   The apparatus as set forth in Claim 1 wherein said selected

2   portion of said display screen comprises a first window controlled by

3   a first application executed by said processing system and wherein

4   said color shift controller is capable of modifying a first set of

5   white pixel values in said first window to increase the color

6   temperature of said white pixel values.

1   6.   The apparatus as set forth in Claim 5 wherein said color

2   shift controller increases the color temperature of said white pixel

3   values by using a linear matrix in software to transform the original

4   red-green-blue (RGB) values to new red-green-blue (RGB) values that

5   have a higher color temperature.

1   7.   The apparatus as set forth in Claim 1 wherein said color

2   shift controller increases the color temperature of said at least one

3   pixel relative to a color temperature of a background of said display

4   screen.

1   8.   A processing system comprising:

2   a display screen;

3   a memory;

4   a data processor; and

5   an apparatus for highlighting a selected portion of said

6   display   screen   comprising   a   color   shift   controller   capable

7   of receiving a user input selecting one of a plurality of portions of

8   said display screen and, in response to said user input selection,

9   modifying a value of at least one pixel within said selected portion

10 to increase the color temperature of said at least one pixel.

1   9.   The processing system as set forth in Claim 8 wherein said

2   display screen comprises a cathode ray tube (CRT) screen.

1   10.   The processing system as set forth in Claim 8 wherein said

2   display screen comprises one of: a liquid crystal display screen, a

3   flat panel display screen, a plasma display screen, and a projection

4   display screen.

1   11.   The processing system as set forth in Claim 8 wherein said

2   selected portion of said display screen comprises a first window

3   controlled by a first application executed by said processing system

4   and wherein said color shift controller is capable of modifying red-

5   blue-green (RGB) values of a plurality of pixels in said first window

6   to thereby increase a color temperature of said plurality of pixels.

1   12.   The processing system as set forth in Claim 8 wherein said

2   selected portion of said display screen comprises a first window

3   controlled by a first application executed by said processing system

4   and wherein said color shift controller is capable of modifying a

5   first set of white pixel values in said first window to increase the

6   color temperature of said white pixel values.

1   13. The processing system as set forth in Claim 12 wherein said

2   color shift controller increases the color temperature of said white

3   pixel values by using a linear matrix in software to transform the

4   original red-green-blue (RGB) values to new red-green-blue (RGB)

5   values that have a higher color temperature.

1   14. The processing system as set forth in Claim 8 wherein said

2   color shift controller increases the color temperature of said at

3   least one pixel relative to a color temperature of a background of

4   said display screen.

1   15. For use in a processing system having a display screen,

2   a method for highlighting a selected portion of said display screen

3   comprising:

4   selecting a portion of said display screen; and

5   increasing the color temperature of at least one color

6   within said selected portion of said display screen.

1   16. The method as set forth in Claim 15 wherein the step of

2   increasing the color temperature of at least one color within said

3   selected portion of said display screen comprises the sub-step of:

4   modifying red-blue-green (RGB) values of a plurality of

5   pixels within said selected portion of said display screen to thereby

6   increase a color temperature of said plurality of pixels.

1   17.   The method as set forth in Claim 15 wherein the step of

2   increasing the color temperature of at least one color within said

3   selected portion of said display screen comprises the sub-step of:

4   modifying white values of a plurality of pixels within said

5   selected portion of said display screen to increase the color

6   temperature of said white pixel values.

1   18.   The method as set forth in Claim 17 wherein the step of

2   modifying white values of a plurality of pixels within said selected

3   portion of said display screen to increase the color temperature of

4   said white pixel values comprises the sub-step of:

5   transforming in a linear matrix in software original red-

6   green-blue (RGB) values to new red-green-blue (RGB) values that have

7   a higher color temperature.

1   19.   The method as set forth in Claim 15 wherein the step of

2   increasing the color temperature comprises the sub-step of increasing

3   the color temperature of said at least one pixel relative to a color

4   temperature of a background of said display screen.

1   20.   For use in a processing system having a display screen,

2   computer-executable instructions stored on a computer-readable storage

3   medium for highlighting a selected portion of said display screen, the

4   computer-executable instructions comprising the steps of:

5   receiving a user input selecting a portion of said display

6 screen; and

7   increasing the color temperature of at least one color

8 within said selected portion of said display screen.

1   21. The computer-executable instructions stored on a computer-

2 readable storage medium as set forth in Claim 20 wherein the step of

3 increasing the color temperature of at least one color within said

4 selected portion of said display screen comprises the sub-step of:

5   modifying red-blue-green (RGB) values of a plurality of

6 pixels within said selected portion of said display screen to thereby

7 increase a color temperature of said plurality of pixels.

1   22. The computer-executable instructions stored on a computer

2 readable storage medium as set forth in Claim 20 wherein the step of

3 increasing the color temperature of at least one color within said

4 selected portion of said display screen comprises the substep of:

5   modifying white values of a plurality of pixels within said

6 selected portion of said display screen to increase the color

7 temperature of said white pixel values.

1   23. The computer-executable instructions stored on a computer

2 readable storage medium as set forth in Claim 22 wherein the step of

3 modifying white values of a plurality of pixels within said selected

4 portion of said display screen to increase the color temperature of

5 said white pixel values comprises the sub-step of:

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6   transforming in a linear matrix in software original red-

7   green-blue (RGB) values to new red-green-blue (RGB) values that have

8   a higher color temperature.

1   24. The computer-executable instructions stored on a computer

2   readable storage medium as set forth in Claim 20 wherein the step of

3   increasing the color temperature comprises the sub-step of increasing

4   the color temperature of said at least one pixel relative to a color

5   temperature of a background of said display screen.